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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/587,667	06/08/2007	Michael Gilge	10191/4866	8476
26646	7590	12/18/2007		
KENYON & KENYON LLP ONE BROADWAY NEW YORK, NY 10004			EXAMINER TREAT, WILLIAM M	
			ART UNIT	PAPER NUMBER
			2181	
			MAIL DATE	DELIVERY MODE
			12/18/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/587,667

Applicant(s)

GILGE, MICHAEL

Examiner

William M. Treat

Art Unit

2181

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 July 2006.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14-26 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 14-26 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 26 July 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 7/26/06.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

1. Claims 14-26 are presented for examination.
2. The drawings are objected to because applicants' only figure lacks meaningful legends. Currently, Fig. 1 is just a bunch of numbered boxes and lines. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.
3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "14" and "22a" have both been used to designate the same box and reference characters "16" and "18a" have both been used to designate the same black dot. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any

amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "plurality of signal processors, at least a subset of the signal processors being coupled to a network having a star-shaped topology" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an

application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

5. In applicants specification at p. 5, lines 30-32, applicant states: " According to the present invention, it is provided that the plurality of signal processors 14 (or a subset thereof) is interconnected with a network 28 having a star-shaped topology, and are thereby linked to one another." When one looks at Fig. 1, there is only one box labeled 14. In addition, that box is labeled as 22a which is identified as one signal processor at p. 5, line 7. Finally, the line on the drawing identified by the number 28 is not even connected to the box labeled 14 nor is there anything in the figure indicating that line 28 constitutes a star network nor even that the line 32, which is actually connected to the box labeled 14, constitutes a star network. As the network is claimed in each of applicant's dependent claims, it would have to be canceled from them, too.

6. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

7. Claims 14-26 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

8. The conflict between specification and drawings, related to the network and outlined in the objections to the drawings, calls into question whether applicant has adequately described his invention.

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 12-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gilge (DE 101 53 484 A1) in view of Martin (Local Area Networks).

11. In that applicant is the inventor of German patent application DE 101 53 484 A1, the examiner sees no reason to explain its teachings in detail to applicant pointing to column and line. Therefore he will merely explain the teachings of DE 101 53 484 A1 as they relate to the claims. DE 101 53 484 A1 describes a security system which gathers data in the form of video/audio signals through connections to one or more signal processing devices linked to the connections. The data is processed by the signal processing devices in various manners before being transmitted to an evaluation processor which is capable of using the differing perspectives and processes presented by the signal processing devices to provide analyses to a user which help to better identify potential security risks. In the current application the applicant has implemented the system of DE 101 53 484 A1 using a star-shaped, Ethernet-standard network with a hub. As the applicant is using just well-known, local area network (LAN) devices to

implement his system, the question becomes is there any motivation for him to use such a LAN to implement his system.

12. Martin taught LAN's have been used to implement alarm and security systems (p. 8) so there is motivation to use a LAN. Given that that there is a teaching of using a LAN in security systems such as applicant's, is there motivation to use an Ethernet-based, star-shaped network for the LAN which has one or more hubs? On pages 192 and 193 Martin discusses LANs based on wiring closets which is relevant to applicant's situation where applicant, to market security systems, is faced with the task of wiring buildings. Martin teaches that, "in many cases, the best solution to local area network wiring is to create a star-wired configuration". On those pages he depicts an Ethernet LAN configured as a star network with the network acting as the backbone of the system depicted. Only one hub is depicted, but it is clear more could be integrated into the network, if desirable.

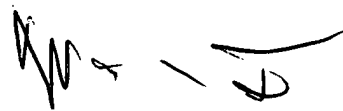
13. On pages 312 and 313, Martin teaches some basics of hubs, ports, switches, etc. which make it clear that the combination of hub, switch, port, and processors does not represent anything new in the art. As to configuring hub, switch, port, and signal processing devices into one housing, this is a very logical approach for businesses which lack networking, DSP, etc. expertise but which want a security system that is compact, quickly installed, and readily-expanded to meet new requirements.

14. DE 101 53 484 A1 teaches those aspects of applicant's claims 12-26 which relate to the use of signal processing devices to gather and analyze data. Martin makes

clear those aspects related to networking are merely the application of well-known networking techniques in a logical manner for which there is motivation.

15. Any inquiry concerning this communication should be directed to William M. Treat at telephone number (571) 272-4175.

16. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Handwritten signature or initials, possibly reading "W. M. Treat".